Date:

Úser:

Friday, 04/04/2008 10:52:08 AM

Julie Lecocq

## **Process Sheet**

Customer

: CU-DAR001 Dart Helicopters Services

Job Number

: 38400

**Estimate Number** 

: 10377

P.O. Number This Issue

S.O. No. : : 04/04/2008

Prsht Rev. : NC

First Issue : 38044 **Previous Run** 

: 04/04/2008

: PURCHASED PARTS Type

**Part Number** 

**Drawing Name** 

: D2890

**Drawing Number** 

: D2890 REV B

: AFT CROSSTUBE

Project Number

: N/A : B

**Drawing Revision** Material

**Due Date** 

: 30/04/2008

Qty:

Each 1 Um:

**Checked & Approved By** 

Comment

Written By

: Est.

05.03.21

Removed Bending procedures KJ/JLM

**Additional Product** 

Job Number:



Seq. #:

Machine Or Operation:

Description:

1.0

D6008180

Crosstube extrusion

Comment: Qty.:

Pick: Qty

Part#

1.0000 Each(s)/Unit

Description

Total:

Batch

1.0000 Each(s)

1

D6008-180 Crosstube extrusion

B34688

2.0

BENDING

BENDING MACHINE - SKIDTUBES

Comment: BENDING MACHINE

1-Bend D2890 as per Dwg D2890 and Folio FT002

3.0

QC6

DIMENSIONAL CHECK



Comment: DIMENSIONAL CHECK

SKIDTUBESS RESOURCE 1



4.0

SKIDTUBES 1

Comment: LANDING GEAR RESOURCE 1

1-Deburr and Polish

HAND FINISHING1



5.0

HAND FINISHING RESOURCE #1

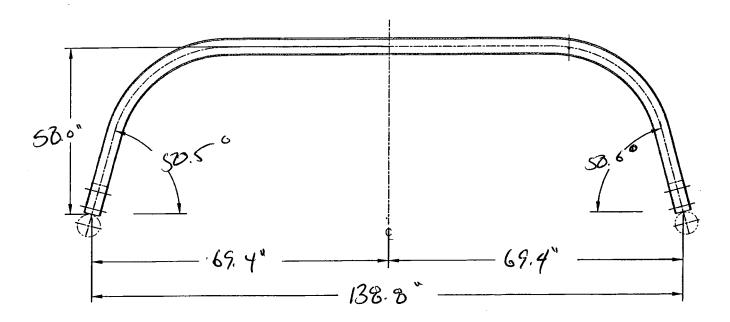
Chemical Conversion Coat as per QSI 005 4.1

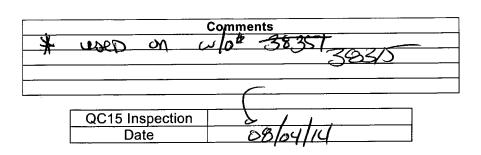
Comment: HAND FINISHING RESOURCE #1

Friday, 04/04/2008 10:52:08 AM Date: User: Julie Lecocq **Process Sheet** Drawing Name: AFT CROSSTUBE Customer: CU-DAR001 Dart Helicopters Services Part Number: D2890 Job Number: 38400 Job Number: Description: Seq. #: **Machine Or Operation:** INSPECT POWDER COAT/CHEMICAL €ONVERSION 6.0 QC3 Comment: INSPECT POWDER COAT/CHEMICAL CONVERSION PACKAGING RESOURCE #1 7.0 PACKAGING 1 Comment: PACKAGING RESOURCE #1 Identify and Stock Location: FINAL INSPECTION/W/O RELEASE 8.0 QC21 08/04/16/ Comment: FINAL INSPECTION/W/O RELEASE Job Completion

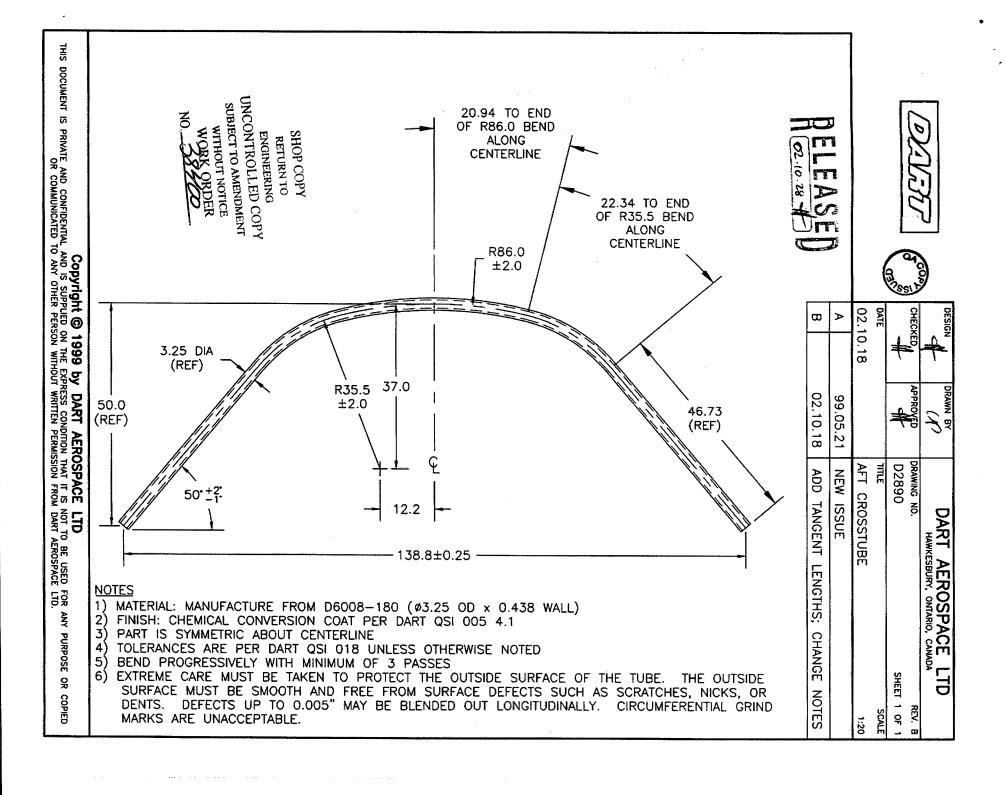
DART AEROSPACE LTD	Work Order:	38400
Description: Crosstube Aft	Part Number:	D2890
Inspection Dwg: D2890 Rev: B		Page 1 of 1

Required Dimension	Min	Max
Height	49.875	50.125
1/2 Span	69.275	69.525
Angle	49	52
Total Span	138.55	139.05





Rev	Date	Change	Revised by	Apprøved
Α	07.02.06	New Issue	KJ/JM KJ/	m
	·			





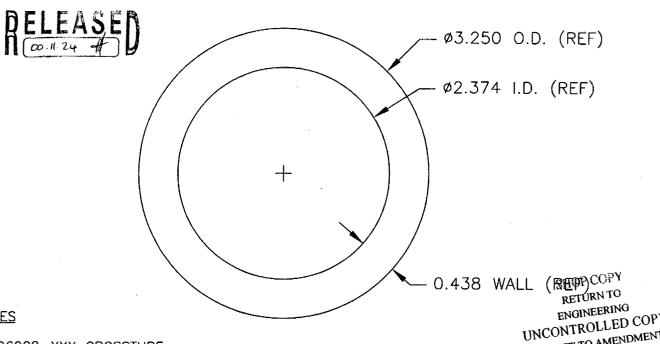


DESIG	GN P	DRAWN BY	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
CHEC	KED	APPROVED	DRAWING NO.	REV. A
	9	AF	D6008	SHEET 1 OF 1
DATE		-	TITLE	SCALE
00.	11.17		CROSSTUBE MATERIAL	1:1
Α		00.11.17	NEW ISSUE	

SUBJECT TO AMENDMENT

WITHOUT NOTICE WORK ORDER

## SPECIFICATION CONTROL DRAWING



**NOTES** 

1) D6008-XXX CROSSTUBE LENGTH

WHERE XXX IS LENGTH IN INCHES EG. 180" LONG TUBE: D6008-180

2) MATERIAL:  $3.250 \text{ OD} \times 0.438 \text{ WALL } 7075-T6/T6511 \text{ (WW-T-}700/7 \text{ OR } QQ-A-225/9 \text{ OR}$ QQ-A-200/11) SEAMLESS ALUMINUM TUBE. MINIMUM ULTIMATE TENSILE STRENGTH = 77 ksi

MINIMUM YIELD TENSILE STRENGTH = 66 ksi

3) TOLERANCES ARE PER ASTM B210 AS FOLLOWS:

O.D.:  $\pm$  0.008 MEAN ( $\pm$ 0.016 INCLUDING OVALITY) WALL: ±0.020 MEAN (±0.044 INCLUDING ECCENTRICITY)

LENGTH: XXX +0.125/-0.000 STRAIGHTNESS: 0.010" DEVIATION / 12" LENGTH

4) EXTREME CARE MUST BE TAKEN TO PROTECT THE OUTSIDE SURFACE OF THE TUBE. THE OUTSIDE SURFACE MUST BE SMOOTH AND FREE FROM SURFACE DEFECTS SUCH AS SCRATCHES, NICKS, OR DENTS. DEFECTS UP TO 0.005" MAY BE BLENDED OUT LONGITUDINALLY. CIRCUMFERENTIAL GRIND MARKS ARE UNACCEPTABLE.

5) CHEMICAL CONVERSION COAT PER DART QSI 005 4.1

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